

ABSTRACT

A shock-absorbing guardrail that is easy to install and remove that prevents a support post from collapsing by absorbing the shock caused by a car collision thus reducing repair time. The shock-absorbing device is attached to the guard fence between the structure or support post. A mid-filler attachment may have an ohm-shaped cross-section or vertically opened pipe-shaped cross-section. The guard fence and mid-filler attachment may be attached to the support post or structure with removable connectors for faster installation and removal. The shock-absorbing device is designed to absorb collision energy by irreversible deformation of the mid-filler attachment.